



## King County

### Wastewater Treatment Division

Industrial Waste Program

Department of Natural Resources and Parks

130 Nickerson Street, Suite 200

Seattle, WA 98109-1658

206-263-3000 Fax 206-263-3001

TTY Relay: 711

FILE

November 2, 2007

James C. Brown

Alaskan Copper Works - 6th Ave.

P.O. Box 3546

Seattle, WA 98124

Jerry  
FYI



Dear Mr. Brown:

Results from King County's recent sampling indicate that wastewater from Alaskan Copper Works - 6th Ave. is in compliance with discharge limits. The results of the sample(s) taken on October 16, 2007 are enclosed.

King County appreciates your compliance. If you have any questions, please call me at 206-263-3017.

Sincerely,

Lydia Eng

Lydia Eng

Investigator

Industrial Waste Program

Enclosure(s)

## Alaskan Copper Works - 6th Ave.

### Cyanide

**Site #** A4010 - sample line connection in pretreatment room  
**Sample Date** 16-Oct-2007 **Discharge Rate** NA  
**Sample #** L44211-1 **Time Span** 3.8 Hour(s)  
**Sample Code** Composite **Start Time** 1055

| Parameters    | CAS | Concentration | Units | Status     | Mass Load | Units | Status |
|---------------|-----|---------------|-------|------------|-----------|-------|--------|
| Total Cyanide |     | <MDL          | MG/L  | Compliance | NA        |       | NA     |

### Field Measurements

**Site #** A4010 - sample line connection in pretreatment room  
**Sample Date** 16-Oct-2007 **Discharge Rate** 1830 GPD  
**Sample #** L44208-1 **Time Span** 24 Hour(s)  
**Sample Code** Composite **Start Time** 1050

| Parameters     | CAS | Concentration | Units | Status     | Mass Load | Units | Status |
|----------------|-----|---------------|-------|------------|-----------|-------|--------|
| Discharge Rate |     | 1830          | GPD   | Compliance | NA        |       | NA     |

**Site #** A4010 - sample line connection in pretreatment room  
**Sample Date** 16-Oct-2007 **Discharge Rate** NA  
**Sample #** L44210-1 **Time Span** NA  
**Sample Code** Grab **Start Time** 1055

| Parameters | CAS | Concentration | Units | Status     | Mass Load | Units | Status |
|------------|-----|---------------|-------|------------|-----------|-------|--------|
| pH, Field  |     | 9.3           | SU    | Compliance | NA        |       | NA     |

<MDL=Less than Method Detection Limit; <RDL=Less than Reporting Detection Limit; NA=Not Applicable; H=Sample handling criteria compromised; R=Data judged unusable.  
 B=Blank contamination observed; E=Estimated value; TA=Text information available which qualifies data.

## Alaskan Copper Works - 6th Ave.

### Metals

|                    |   |                       |            |
|--------------------|---|-----------------------|------------|
| <b>Site #</b>      | A4010 - sample line connection in pretreatment room | <b>Discharge Rate</b> | NA         |
| <b>Sample Date</b> | 16-Oct-2007   | <b>Time Span</b>      | 24 Hour(s) |
| <b>Sample #</b>    | L44209-1  | <b>Start Time</b>     | 1100       |
| <b>Sample Code</b> | Composite   |                       |            |

| Parameters           | CAS | Concentration | Units | Status     | Mass Load | Units   | Status     |
|----------------------|-----|---------------|-------|------------|-----------|---------|------------|
| Arsenic, Total, ICP  |     | <MDL          | MG/L  | Compliance | NA        | LBS/DAY | Compliance |
| Cadmium, Total, ICP  |     | <MDL          | MG/L  | Compliance | NA        | LBS/DAY | Compliance |
| Chromium, Total, ICP |     | 1.7           | MG/L  | Compliance | .026      | LBS/DAY | Compliance |
| Copper, Total, ICP   |     | .797          | MG/L  | Compliance | .012      | LBS/DAY | Compliance |
| Lead, Total, ICP     |     | <MDL          | MG/L  | Compliance | NA        | LBS/DAY | Compliance |
| Nickel, Total, ICP   |     | 1.74          | MG/L  | Compliance | .027      | LBS/DAY | Compliance |
| Silver, Total, ICP   |     | <MDL          | MG/L  | Compliance | NA        | LBS/DAY | Compliance |
| Zinc, Total, ICP     |     | .0528         | MG/L  | Compliance | .00081    | LBS/DAY | Compliance |

|                    |   |                       |      |
|--------------------|---|-----------------------|------|
| <b>Site #</b>      | A4010 - sample line connection in pretreatment room | <b>Discharge Rate</b> | NA   |
| <b>Sample Date</b> | 16-Oct-2007   | <b>Time Span</b>      | NA   |
| <b>Sample #</b>    | L44209-2  | <b>Start Time</b>     | 1055 |
| <b>Sample Code</b> | Grab  |                       |      |

| Parameters           | CAS | Concentration | Units | Status     | Mass Load | Units | Status |
|----------------------|-----|---------------|-------|------------|-----------|-------|--------|
| Arsenic, Total, ICP  |     | <MDL          | MG/L  | Compliance | NA        |       | NA     |
| Cadmium, Total, ICP  |     | <MDL          | MG/L  | Compliance | NA        |       | NA     |
| Chromium, Total, ICP |     | 1.76          | MG/L  | Compliance | NA        |       | NA     |
| Copper, Total, ICP   |     | .656          | MG/L  | Compliance | NA        |       | NA     |
| Lead, Total, ICP     |     | <MDL          | MG/L  | Compliance | NA        |       | NA     |
| Nickel, Total, ICP   |     | 1.73          | MG/L  | Compliance | NA        |       | NA     |
| Silver, Total, ICP   |     | <MDL          | MG/L  | Compliance | NA        |       | NA     |
| Zinc, Total, ICP     |     | <RDL          | MG/L  | Compliance | NA        |       | NA     |

<MDL=Less than Method Detection Limit; <RDL=Less than Reporting Detection Limit; NA=Not Applicable; H=Sample handling criteria compromised; R=Data judged unusable.  
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